

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/977,221

OIPE

6V2
DATE: 02/24/98

TIME: 11:08:13

INPUT SET: S23754.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: UNITED STATES OF AMERICA; DEPT.
6 OF HEALTH AND HUMAN SERVICES
7
8 (ii) TITLE OF INVENTION: MOTILITY STIMULATING
9 PROTEIN USEFUL IN CANCER DIAGNOSIS AND
10 THERAPY
11
12 (iii) NUMBER OF SEQUENCES: 69
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: MORGAN & FINNEGAN
16 (B) STREET: 345 PARK AVENUE
17 (C) CITY: NEW YORK
18 (D) STATE: NEW YORK
19 (E) COUNTRY: U.S.A.
20 (F) ZIP: 10154
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy Disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: WordPerfect 5.1
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER:
30 (B) FILING DATE:
31 (C) CLASSIFICATION:
32
33 (vii) PRIOR APPLICATION DATA
34 (A) APPLICATION NUMBER: 08/346,455
35 (B) FILING DATE: 28-NOV-1994
36
37 (vii) PRIOR APPLICATION DATA
38 (A) APPLICATION NUMBER: 08/249,182
39 (B) FILING DATE: 25-MAY-1994
40
41 (vii) PRIOR APPLICATION DATA
42 (A) APPLICATION NUMBER: 07/822,043
43 (B) FILING DATE: 17-JAN-1992
44
45 (viii) ATTORNEY/AGENT INFORMATION:
46 (A) NAME: DOROTHY R. AUTH

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47 (B) REGISTRATION NUMBER: 36,434
48 (C) DOCKET NUMBER: 2026-4149US3
49

50 (ix) TELECOMMUNICATION INFORMATION:
51 (A) TELEPHONE: (212) 758-4800
52 (B) TELEFAX: (212) 751-6849
53
54
55
56
57
58
59
60
61

62 (2) INFORMATION FOR SEQ ID NO:1:
63

64 (i) SEQUENCE CHARACTERISTICS:
65 (A) LENGTH: 5
66 (B) TYPE: amino acid
67 (D) TOPOLOGY: linear
68

69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
70

71 Trp His Val Ala Arg
72 1 5
73

74 (2) INFORMATION FOR SEQ ID NO:2:
75

76 (i) SEQUENCE CHARACTERISTICS:
77 (A) LENGTH: 6
78 (B) TYPE: amino acid
79 (D) TOPOLOGY: linear
80
81

82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
83

84 Pro Leu Asp Val Tyr Lys
85 1 5
86

87 (2) INFORMATION FOR SEQ ID NO:3:
88

89 (i) SEQUENCE CHARACTERISTICS:
90 (A) LENGTH: 5
91 (B) TYPE: amino acid
92 (D) TOPOLOGY: linear
93

94 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
95

96 Tyr Pro Ala Phe Lys
97 1 5
98

99 (2) INFORMATION FOR SEQ ID NO:4:

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100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 5 amino acids
103 (B) TYPE: amino acid
104 (D) TOPOLOGY: linear
105
106
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
108
109 Gln Ala Glu Val Ser
110 1 5
111
112 (2) INFORMATION FOR SEQ ID NO:5:
113
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 10
116 (B) TYPE: amino acid
117
118
119
120
121
122
123
124
125 (D) TOPOLOGY: linear
126
127
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
129
130 Pro Glu Glu Val Thr Arg Pro Asn Tyr Leu
131 1 5 10
132
133 (2) INFORMATION FOR SEQ ID NO:6:
134
135 (i) SEQUENCE CHARACTERISTICS:
136 (A) LENGTH: 9
137 (B) TYPE: amino acid
138 (D) TOPOLOGY: linear
139
140 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
141
142 Tyr Asp Val Pro Trp Asn Glu Thr Ile
143 1 5
144
145 (2) INFORMATION FOR SEQ ID NO:7:
146
147 (i) SEQUENCE CHARACTERISTICS:
148 (A) LENGTH: 10
149 (B) TYPE: amino acid
150 (D) TOPOLOGY: linear
151
152

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153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

154

155 Val Pro Pro Phe Glu Asn Ile Glu Leu Tyr

156 1 5 10

157

158 (2) INFORMATION FOR SEQ ID NO:8:

159

160 (i) SEQUENCE CHARACTERISTICS:

161 (A) LENGTH: 11

162 (B) TYPE: amino acid

163 (D) TOPOLOGY: linear

164

165

166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

167

168 Gly Gly Gln Pro Leu Trp Ile Thr Ala Thr Lys

169 1 5 10

170

171 (2) INFORMATION FOR SEQ ID NO:9:

172

173 (i) SEQUENCE CHARACTERISTICS:

174 (A) LENGTH: 16

175 (B) TYPE: amino acid

176 (D) TOPOLOGY: linear

177

178

179

180

181

182

183

184

185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

186

187 Val Asn Ser Met Gln Thr Val Phe Val Gly Tyr Gly

188 1 5 10

189

190 Pro Thr Phe Lys

191 15

192

193 (2) INFORMATION FOR SEQ ID NO:10:

194

195 (i) SEQUENCE CHARACTERISTICS:

196 (A) LENGTH: 12

197 (B) TYPE: amino acid

198 (D) TOPOLOGY: linear

199

200

201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

202

203 Asp Ile Glu His Leu Thr Ser Leu Asp Phe Phe Arg

204 1 5 10

205

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206 (2) INFORMATION FOR SEQ ID NO:11:

207

208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 23

210 (B) TYPE: amino acid

211 (D) TOPOLOGY: linear

212

213

214

215 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

216

217 Thr Glu Phe Leu Ser Asn Tyr Leu Thr Asn Val Asp

218 1 5 10

219

220 Asp Ile Thr Leu Val Pro Glu Thr Leu Gly Arg

221 15 20

222

223

224 (2) INFORMATION FOR SEQ ID NO:12:

225

226 (i) SEQUENCE CHARACTERISTICS:

227 (A) LENGTH: 18

228 (B) TYPE: nucleic acid

229 (C) STRANDEDNESS: single

230 (D) TOPOLOGY: linear

231

232

233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

234

235 GTTGGCAGCN ACRTGCCA

18

236 (2) INFORMATION FOR SEQ ID NO:13:

237

238

239

240

241

242

243

244

245

246 (i) SEQUENCE CHARACTERISTICS:

247 (A) LENGTH: 18

248 (B) TYPE: nucleic acid

249 (C) STRANDEDNESS: single

250 (D) TOPOLOGY: linear

251

252

253 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

254

255 TGGCAYGTNG CTGCCAAC

18

256

257 (2) INFORMATION FOR SEQ ID NO:14:

258

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/977,221

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Line

Error

Original Text